

New Skating Rink Expected To Be Ready For Use Upon Return From Winter Vacation

The new M.I.T. Skating Rink is now rapidly nearing completion and, if all goes well, should be ready for use after the Christmas recess.

Containing more than 40 miles of piping, the new rink will have the dimensions of a regulation hockey rink, 200 feet in length and 85 feet in breadth. A salt-brine solution will be circulated through the pipes to cool the water for the necessary two inch layer of ice. The air conditioning equipment of the new auditorium will be used for the cooling system of the rink.

To insure a smooth surface, the layer of ice will be built up in three steps.

First about an inch to an inch and a half of water will be poured over the pipes and frozen. The layer will then slowly be built up to exceed the requisite two inches by spraying water on with a fog nozzle. Finally the ice will be scraped down a bit, and a cloth dampened with hot water will be passed over the ice to remove surface imperfections.

The rink will be operated along lines very similar to the Alumni Swimming Pool. During the specified general skating periods, use of the rink will be limited to students and staff of the Institute and their guests. The number of guests is limited to one per family. All people using the rink will be required to show positive identification such as registration cards. An effort will be made to limit strictly the use of the rink by outside organizations.

As the schedule now stands, the rink will be open for general use most of the day, unless there is a hockey game scheduled. The hockey games will usually be at 8:00 p.m. The rink will be restricted to varsity practice between the hours of 4:00 and 6:00 p.m. The final schedule will be printed in a later issue of *The Tech*.

Alumni Group Is Primary Subject At IFC Meeting

Harold E. Lobdell, executive vice-president of the Alumni Association, spoke at the I.F.C. meeting held in the Hotel Beaconsfield in Brookline, last Thursday night. A dean of students at the Institute for twenty years, Mr. Lobdell has also been editor for eight years and publisher for 25 years of the *Technology Review*, besides operating the Tech Loan Fund for a quarter century.

In his talk, Mr. Lobdell outlined the purposes, functions and history of the Alumni Association.

Graduates of M.I.T. gathered on St. Patrick's Day in 1875 and voted to form the first alumni association. This association held its annual dinner every January and honored the graduates at a reception in June.

Other organizations that have been (Continued on page 4)

Intercollegiate Conference Here On Discrimination In Colleges Will Meet During Spring Recess

PACHECO AND B. U. QUEEN



The Tech-Technique photo by M. D. Solis

"Racial and Religious Discrimination in American Universities" will be the topic of a conference at the Institute this spring, March 25-27. Eighty-eight colleges and universities from all over the country will be represented at the conference, which is being planned by the Undergraduate Association.

Each participating school will send its Dean of Students, the president of its student body and one other student chosen by the student body president. This gives the conference a student-faculty representation from all sections of the country.

The conference will be highlighted by full-session meetings in the newly-opened auditorium, featuring prominent speakers of national renown. The scheduled topics of these sessions are

"The American Scene Today", "Attitudes and Viewpoints", and "Selectivity in Universities." Each full session will be followed by discussion meetings of cross-section groups of twenty. This alternation of mass meetings and small discussion groups is aimed at provoking the maximum amount of constructive thought and understanding during the short time available. A final session in the auditorium on Sunday, March 27, will serve to sum up the conclusions of the conference.

Purpose of the Conference

The aims of the MIT Undergraduate Student Body in planning the conference are to bring into contact college students, professors and administrators from all sections of the country and thus promote and facilitate understanding of the conflicting viewpoints on the vital issues involved; to call attention to and bring consideration to bear upon the important problems in this area; to provide knowledge of the actions of other colleges in coping with these problems and the degree of success or failure of their actions; to call national attention to the fact that this area is of major concern to college students; and possibly to develop a continuing intercollegiate effort toward solution of the problem.

Grant Aids Distant Schools

An anonymous grant of \$5,000 has enabled MIT to offer the payment of transportation expenses in excess of \$50 per student delegate. This gives West Coast schools equal opportunities with nearby schools to attend the conference. In addition to the \$50 for transportation, each delegate will pay a registration fee of \$12 to cover expenses of food and lodging.

While at the Institute, delegates will be housed at Baker House and will eat at Baker House and various downtown restaurants. Student guides will provide transportation and a knowledge (Continued on page 2)

Marterie To Play At All-Tech Dance Early Next Term

The All-Tech Dance for 1955 will feature the nationally famous music of Ralph Marterie and his Downbeat Orchestra. This formal dance will be held in the Sheraton Plaza Hotel, on Saturday, February 19, 1955.

Ralph Marterie's entire orchestra has been contracted to play between the hours of 8:00 p.m. and midnight. Marterie has had great success in recent years and has made several hit records.

The dance will be held at the Sheraton Plaza Hotel at Copley Square. In addition to the Ballroom and Foyer, the adjacent State Suite, Copley Room, and Back Bay Room have been acquired to guarantee reserved tables for five hundred couples.

This event is being planned for the enjoyment of the entire M.I.T. family: undergraduates, graduates, and faculty. The dance committee is composed of representatives from all walks of Institute life to help provide an affair that will appeal to everyone and make this truly an All-Tech Dance.

Hillel Holds Gala Chanukah Festival This Past Sunday

This past Sunday, about seventy people attended Hillel Society's annual Chanukah Festival in the Baker House Dining Room. The festival this year was held a week earlier than usual due to the coming vacation. Chanukah, or the Feast of Lights as it is sometimes called, does not begin until next Sunday.

A short introductory talk on the history and significance of the holiday given by Richard Glantz '58 began the afternoon's program. This was followed by the lighting of the candles by Siegman Silber '58 and a poetry reading by Martin Brilliant '54. To round out the first part of the program, a dramatic reading of *Chanuka Gelt*, a short story by Sholom Aleichem, was given by Miss June August of Emerson College.

The musical portion of the program was opened by a series of Israeli folk songs played on the harmonica by Uri Drimmer, a graduate student at the Institute from Israel. A session of group folk singing and dancing was then led by Miss Judith Gorenstein '56 and Drimmer. The festival concluded with a general mixer and social dancing.

FINAL EXAMS

Conflict examinations or examinations not listed on the January 1955 Examination Schedule must be re-examined by 5 p.m., Wednesday, January 5.

Pacheco Captures Ugly Man Crown; APO Nets \$493

Mario Jesus Pacheco de Figueredo '55, East Campus' official entrant in the Ugly Man on Campus Contest sponsored by APO, nosed out Walker Staff Captain Harris A. Notarys '55 for that dubious honor by the slim margin of \$17.81 as the competition came to an end last Thursday.

A total of \$493.64 was collected for the benefit of the Boy Scout Camp in New Hampshire. The proceeds will contribute to the building of a new unit at Camp Quinapoxit and will also provide funds for scholarships to send boys to the Camp.

Pacheco's group collected \$179.04, while HAN's followers netted \$161.23. Third in line was Everett Trop '57 with \$42.06. The Ugly Man Trophy which was accepted by Don "Boss" Wint, Pacheco's campaign manager, will be soon on display in East Campus. Pacheco received an Ugly Man pin, a scroll and his free ticket to go to the Dorm Formal with Joan Slinger '55, B.U. Beauty Queen at a presentation in the lobby of Building 7 at noon on Friday.

Prof. Todd Tells About Education In Great Britain

by J. Philip Bromberg '56

The following is the results of an interview with Sir Alexander Robertus Todd who until last week served as Arthur D. Little Visiting Professor of Chemistry at the Institute. Sir Alexander was educated at the University of Glasgow and is now Professor of Chemistry at Cambridge University in England. He holds degrees from several institutions, and has been the recipient of many honors and awards. This past summer he was knighted by Queen Elizabeth.

At the present time, Britain, as also the United States, is suffering from an acute shortage of trained scientists and technologists. Great differences exist between the training of scientific manpower here and in England. Except for the Imperial College of Science and Technology in London (Continued on page 8)

M.I.T. Students Are Featured In Emmanuel College French Plays



The Tech-Technique

photo by F. Vicini

EMMANUEL COLLEGE FRENCH DEPT.

Emmanuel College

December 12, 1954

PROGRAM

Rosalie, by Max Maubrey

Mme. Bol Natalie de Leuchtenberg '56
M. Bol Gerard Dorget '56
Rosalie Elisa Senesi '57

L'Anglais tel qu'on le parle, by Tristan Bernard

Eugene, l'interprete Claude Bonvalot, G
La Caissiere Maria Moscardina '56
Le Garcon Jean Kovalski '55
Betty Hogson Barbara Wogan '57
Julien Cicandel Gerard Dorget '56
Mrs. Hogson Natalie de Leuchtenberg '56
L'Inspecteur Gerard Boulard, G
Le Flic Royall Tyler '57

by Robert Kaiser '56

M.I.T. students were featured in two one-act plays given in the Emmanuel College Auditorium last Sunday afternoon. For the second year in a row, the Emmanuel French Department has called Techmen to sup-

ply the male leads.

The plots of both plays were classically "simple". "Rosalie" is an expose of the maid troubles of a French couple who expect an influential person for dinner. "L'Anglais (Continued from page 2)

The Tech

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All photos by The Tech-Technique Photo Staff, unless otherwise accredited.

MERRY CHRISTMAS

The managing board of Volume 74 of *The Tech* would like to express its best wishes to the entire M.I.T. community for a Merry Christmas and a Happy New Year.

Calendar of Events

from December 15 through December 18, 1954

WEDNESDAY, DECEMBER 15

Mathematics Department. Colloquium: "A Direct Proof of Hurewicz's Theorem." Prof. Herbert Federer, Brown University. Room 2-246, 4:30 p.m. Tea will be served in Room 2-290 from 4:00-4:30 p.m.
AIEE-IRE—Student Branch. Tour of Whirlwind Computer. Barta Building (211 Massachusetts Avenue), 5:00 p.m.
Hillel Foundation. General meeting. Crafts Lounge, 5:00 p.m.
M.I.T. Graduate House. Annual Christmas Candlelight Dinner. Campus Room, Graduate House, 6:00 p.m. All graduate students and their guests welcome.
Inter-Varsity Christian Fellowship. Lecture: "The Meaning of Christmas." Room 10-280, 7:00 p.m.
Freshman Swimming Team. Meet with Tufts College. Alumni Swimming Pool, 7:15 p.m.
Chemistry Department. Harvard-M.I.T. Physical Chemistry Colloquium: "Chemical Applications of Paramagnetic Resonance Spectroscopy." Prof. George K. Fraenkel, Columbia University. Room 6-120, 8:00 p.m.
School of Architecture and Planning. Lecture: "Landscape Architecture." Prof. Hideo Sasaki, Harvard University. Room 7-437, 8:00 p.m.
Varsity Basketball Team. Game with University of New Hampshire. Rockwell Cage, 8:15 p.m.
Varsity Swimming Team. Meet with Tufts College. Alumni Swimming Pool, 9:00 p.m.

THURSDAY, DECEMBER 16

Biology Department. Colloquium: "Neurohormones and Neurosecretion." Prof. J. H. Welsh, Biological Laboratories, Harvard University. Room 16-310, 4:00 p.m. Tea will be served in Room 16-711 at 3:30 p.m.
Physics Department. Colloquium: "Heavy Mesons from the Brookhaven Cosmotron." Dr. E. O. Salant, Brookhaven National Laboratory. Room 6-120, 4:15 p.m.
Lecture Series Committee. Films: "Cheaper By the Dozen," and "Dances of the Kwakiutl" (color film on American Indians). Room 1-190, 5:05, 7:30 and 9:30 p.m. Admission: 30 cents.

FRIDAY, DECEMBER 17

Mechanical Engineering Department. Seminar: "Rolling of Visco-Elastic Materials." Mr. Paul R. Paslay. Room 3-370, 3:30 p.m. Coffee will be served in Room 3-174 from 3:00-3:30 p.m.
Varsity Hockey Team. Game with Princeton University. Boston Arena, 4:30 p.m.
5:15 Club. Dance. 5:15 Club Room, 8:30 p.m.-12:00 midnight. Admission: \$1.00 per couple.

SATURDAY, DECEMBER 18-SUNDAY, JANUARY 2

Christmas Vacation.

EXHIBITS

A representative selection of Medieval French Art, with emphasis on the nature and development of the cathedral, will be on exhibition in the New Gallery of the Charles Hayden Memorial Library through December 26. Hours: Monday through Friday, 9:00 a.m.-5:00 p.m.; Saturday and Sunday, 2:00-5:00 p.m.

Photographic Salon prints by Mr. Clarence C. Ruchhoft of Cincinnati, Ohio, will be on display in the Photo Service Gallery, Basement of Building 11, through December 15.

CALENDAR OF EVENTS

Although THE TECH will not appear on Tuesday, January 4, the Calendar of Events will be published as usual, carrying announcements for nine days (Tuesday through the following Wednesday). Notices, typewritten and signed, must be in the office of the editor, Room 7-204, not later than noon on Wednesday prior to the date of publication. Material for the Calendar of January 4-12 is due December 29.

through the mail

To the Editor of *The Tech*:

Dear Sir;
Last week, the Institute was flooded with printed copies of supposed "Christmas Carols", an effort on the part of Voo Doo Publicity Staff, which fell short of neither filth nor sacrilege. They have promised more of the same on Wednesday.

It is disturbing that those who lack respect for the meaning of Christmas should choose to defile the traditions which are held so strongly by many throughout the world.

It is hoped that the editors of Voo Doo will not show such a lack of taste and judgment as to allow a repeat on Wednesday. If they do, the student body should definitely make its feelings felt through the Institute Committee.

Philip A. Untersee
President

To the editor of *The Tech*:

Dear Sir;

Congratulations on your reprint of Institute Committee minutes in your editorial column of last Friday's issue.
(Continued on page 5)

after hours

by C. Peter Speth
DANCES

Wednesday, December 15
WHIDDEN HOSPITAL—You don't need pink shield or pink cross protection for the record operation at the School of Nursing in Everett. Find your own 4 wheels—no ambulances available. 60c at the door; stag or drag. 8 p.m.

Thursday, December 16
FRANKLIN SQUARE HOUSE—Last BLAST before vacation with your special one. A semi-formal at the F.S.H. located two blocks east of Mass. Ave. on Washington St. The band begins to roll at 8. Get a FREE ticket now at the T.C.A. office.

Friday, December 17
M.I.T.—Don't leave unhappy! In the congenial atmosphere of the 5:15 Clubroom (Walker), the commuters are holding another of their notorious dances, (8:30-12) featuring over 100 bee-oo-tiful women and great hairy vats of Bud and Pick. Tickets \$1.00; girls free.
UNIVERSITY CLUB—Hal Donehey's Orchestra inflates the air at 8 in the U. C. at Trinity Place. Come solo or duet—\$1.25.

Saturday, December 18
INTERNATIONAL STUDENT ASSOCIATION—The bill of fare begins at 8:30 with a Christmas Dance at the Center on Garden St. near Hotel Continental. Free.

Tuesday, December 21
R.I.E.L.N.S.—Music, dancing, eating (turkey, ham, potato salad, etc.), in the Cambridge Boat Club at the Eliot Bridge from 5 to 9 p.m. Tickets for \$1.75 from Ralph Triconi in room 20B-130. By the way, if you find out what R.I.E.L.N.S. stands for, drop us a note. We're simply dying to find out.

LASELL—Here's one for the "records." \$20 worth of records in prizes will be given out at this dance and show in Winslow Hall. 50c admits you at 8. Stan Richards from WORL will be spinning the turntable.

LESLIE—"Coffe-capers" in Leslie Gym at 8. A small donation is in order for this record hop. It has come to our attention.
(Continued on page 3)



EATON'S
Fine Letter Papers

You're sure of an affectionate reward! Our Christmas collection includes a style and a size, a texture and a color, to delight every person on your list! Come in soon and see.

The Technology Store

Emmanuel Play

(Continued from page 1)

is Spoken" is a complicated pot-pourri with a language barrier, for it concerns an eloped couple, the anxious mother who speaks no French, a French police inspector and an interpreter who speaks no English.

The items of interest, of course, are not the plays, but the actors and the presentation, and the main difference between last Sunday's performance and the average college foreign language play is that all parties concerned seemed to know what they were doing, and there was actual acting instead of the toneless dribbling of incomprehensible words which I expected to find. This was partly due to the fact that the leads spoke French fluently, and partly the result of lots of hard work and effort from the supporting cast. But on the whole, the success of the afternoon is mainly due to Gerard Dorget, '56 and Natalie de Leuchtenberg, '56, who took the leads in both plays.

During the intermission, a sextet of M.I.T. students led by Guy Petron, G, sang two medleys of French Folk Songs, and Miss de Leuchtenberg did an excellent interpretation of Ukrainian Folk Song.

notices

HILLEL

There will be a general meeting of Hillel on Wednesday at 5:00 p.m. in Crafts Lounge.

WMIT

Broadcasting over WMIT will terminate with the end of Thursday's programming, and will resume at 6:00 p.m. Monday, following Christmas vacation.

FROSH PINS

"Beaver" pins for the Class of 1958 are once more on sale. They may be purchased between now and Christmas in Building 10 or the Institute Committee for \$2.00 each.

Discrimination

(Continued from page 1)

of Boston for the delegates during any spare time they might have, so that their stay here will be a pleasant one.

The final selection of all the speakers is not yet completed. However, Dr. James R. Killian has accepted an invitation to be one of the speakers at the plenary sessions.



On Campus with Max Shulman

(Author of "Barefoot Boy With Cheek," etc.)

SCIENCE MADE SIMPLE: No. 1

In this day and age, as I like to call it, everybody should know something about science. Unfortunately, however, the great majority of us are majoring in elocution, and we do not get a chance to take any science. But we can at least learn the fundamentals.

Though this column is intended to be a source of innocent merriment for all sexes and not to concern itself with weighty matters, I have asked the makers of Philip Morris whether I might not from time to time use this space for a short lesson in science. "Makers," I said to them, "might I not from time to time use this space for a short lesson in science?"

"Bless you, lad!" cried the makers, chuckling. "You may certainly use this space from time to time for a short lesson in science."

They are very benign men, the makers, fond of children, small animals, community singing, and simple country food. Their benevolence is due in no small measure to the cigarettes they smoke, for Philip Morris is a cigarette to soothe the most savage of breasts. I refer not only to the quality of the tobacco—which, as everyone knows, is amiable, humane, and gracious—but also to the quality of the package. Here is no fiendishly contrived container to fray the fingernails and rasp the nerves. Here, instead, is the most simple of devices: you pull a tab, a snap is heard, and there, ready at hand, are your Philip Morris Cigarettes. Strike a match, take a puff, and heave a delicious little rippling sigh of pure content.

So, with the cordial concurrence of the makers, I will from time to time devote this column to a brief lesson in science.

Let us start today with chemistry. It is fitting that chemistry should be the first of our series, for chemistry is the oldest of sciences, having been discovered by Ben Franklin in 123 B.C. when an apple fell on his head while he was shooting the breeze with Pythagoras one day outside the Acropolis. (The reason they were outside the Acropolis and not inside was that Pythagoras had been thrown out for drawing right triangles all over the walls. They had several meetings outside the Acropolis, but finally Franklin said, "Look, Pythagoras, this is nothing against you, see, but I'm no kid any more and if I keep laying around on this wet grass with you, I'm liable to get the break-bone fever. I'm going inside." Pythagoras, friendless now, moped around Athens for a while, then drifted off to Brussels where he married a girl named Harriet Sigafos and went into the linseed oil game. He would also certainly be forgotten today had not Shakespeare written "Othello.")

But I digress. We were beginning a discussion of chemistry, and the best way to begin is, of course, with fundamentals. Chemicals are divided into elements. There are four: air, earth, fire, and water. Any number of delightful combinations can be made from these elements, such as freewater, dacron, and chef's salad.

Chemicals can be further divided into the classes of explosive and non-explosive. A wise chemist always touches a match to his chemicals before he begins an experiment.

A great variety of containers of different sizes and shapes are used in a chemistry lab. There are tubes, vials, beakers, flasks, pipettes, and retorts. (A retort is also a snappy comeback, such as "Oh, yeah?" or "So's your old man!")

(Perhaps the most famous retort ever made was delivered by none other than Noah Webster himself. It seems that one day Mr. Webster's wife walked unexpectedly into Mr. Webster's office and found Mr. Webster's secretary sitting on Mr. Webster's knee. "Why Mr. Webster!" cried Mr. Webster's wife. "I am surprised!"

"(No, my dear," he replied. "I am surprised. You are astonished."

(Well, sir, it must be admitted that old Mr. Webster got off a good one, but still one can not help wishing he had spent less time trifling with his secretary, and more time working on his dictionary. Many of his definitions show an appalling want of scholarship. Take, for instance, what happened to me not long ago. I went to the dictionary to look up "houghband" which is a band that you pass around the leg and neck of an animal. At the time I was planning to pass bands around the legs and necks of some animals, and I wanted to be sure I ordered the right thing.

(Well sir, thumbing through the H's in the dictionary, I happened to come across "horse." And this is how Mr. Webster defines "horse"—"a large, solid hoofed herbivorous mammal, used as a draft animal."

(Now this, I submit, is just plain sloppiness. The most cursory investigation would have shown Mr. Webster that horses are not mammals. Mammals give milk. Horses do not give milk. It has to be taken from them under the most severe duress.

(Nor is the horse a draft animal, as Mr. Webster says. Man is a draft animal. Mr. Webster obviously had the cavalry in mind, but even in the cavalry it is men who are drafted. Horses volunteer.)

But I digress. We were discussing chemistry. I have told you the most important aspects, but there are many more—far too many to cover in the space remaining here. However, I am sure that there is a fine chemistry lab at your very own college. Why don't you go up some afternoon and poke around? Make a kind of fun day out of it. Bring ukeles. Wear funny hats. Toast frankfurters on the Bunsen burners. Be gay, be merry, be loose, for chemistry is your friend!

©Max Shulman, 1954

This column is brought to you by the makers of PHILIP MORRIS who think you would enjoy their cigarette.



Christmas Formal At Baker House A Campus Success

by Fredric Gordon '56

Friday night, Baker House played host to this year's Dormitory Christmas Formal. One hundred couples attended the dance, which proved to be one of the most successful social functions of the year. Lulled by the soft blue lighting and the excellent dance music Herbie Wayne's twelve piece orchestra.

Decorations included evergreen boughs and several beautiful Christmas murals adorning the windows of the Baker House dining room and lobby. The entertainment included a juggling act by Jim Stone '55 and a rendition of several semi-classical selections by Warren Moon '55. Stone juggled everything from tennis balls to cigar boxes while Moon, singing in an excellent tenor voice showed a fine understanding and appreciation of his selections. The entertainment was M.C'd by Professor Samuel Mason, faculty resident at Baker House.

A staff of twelve students acted as waiters and were kept busy all through the night delivering drinks of all known (and several unknown) varieties. The Formal ended at one in the morning but Christmas carols could be heard echoing out in all directions until a much later hour. The taxes are all put away now but the memories remain.

Who said Tech is a place for men to work and not for boys to play?

Read:

**WHEN M. I. T. WAS
"BOSTON TECH"**

The Technology Press \$6.00



Some of the Urchins at the
East Campus Party

Urchins Invade Tech Campus To Search For St. Nick

When Christmas vacation approaches, the dormitories at Tech prepare for the holiday season. This year most Dormitory effort has been directed towards making Christmas a happier time for many youngsters in the Boston area, and giving the Dormitories a Christmas atmosphere.

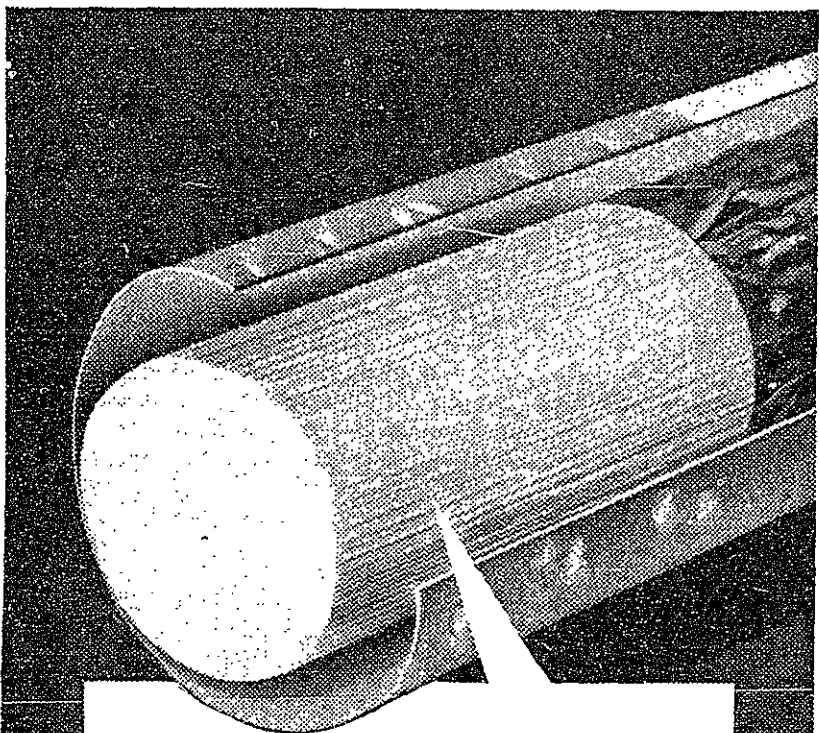
East Campus staged a Christmas party Friday for about twenty underprivileged children from the Cambridge area. The kids were treated to refreshments, presents, games, and Santa Claus; in all, they had a "rollicking good time." Talbot Lounge was decorated, complete with tree and all the trimmings. Burton House had its children's party Sunday afternoon in the Burton Lounge, with Santa Claus, present, and full of good cheer. The Burton Lounge, 420 lobby, and 410 lobby were decorated. Burton House seems to have won the "Christmas tree" championship with four trees, two in the lounge, and one in each lobby.

Baker House, instead of a party, collected money for the Salvation Army. A decoration party was held Sunday night, complete with refreshments and dates, and the dining room and lobby were decorated. A contest was also held in Baker House for the best and most original door decoration.

ances starting February 21 including "Esmeralda", "Alice in Wonderland", "The Grieg Concerto", "Symphony for Fun", "The Nutcracker", "Le Beau Danube", "Schererazade", "Giselle", "Petrouchka", "Swan Lake", "Les Sylphides", and "Prince Igor." The cast stars Anton Dolin, Natalie Krassovska, Violette Verdy, John Gilpin, Tamara Toumanova, Nora Kovach, and Istvan Rabovsky.

CONCERTS
SYMPHONY HALL—Open rehearsal of Verdi's Requiem and Berlioz's The Damnation of Faust by the Boston Symphony Orchestra under the direction of Charles Munch, Thursday, December 16 at 7:30. Tickets from T.C.A. or box office, \$2.00. —Gala Christmas Concert featuring the combined Glee Clubs of Smith and Yale, December 20 at 7:30. Tickets from T.C.A. or box office, \$1.00 to \$3.50.

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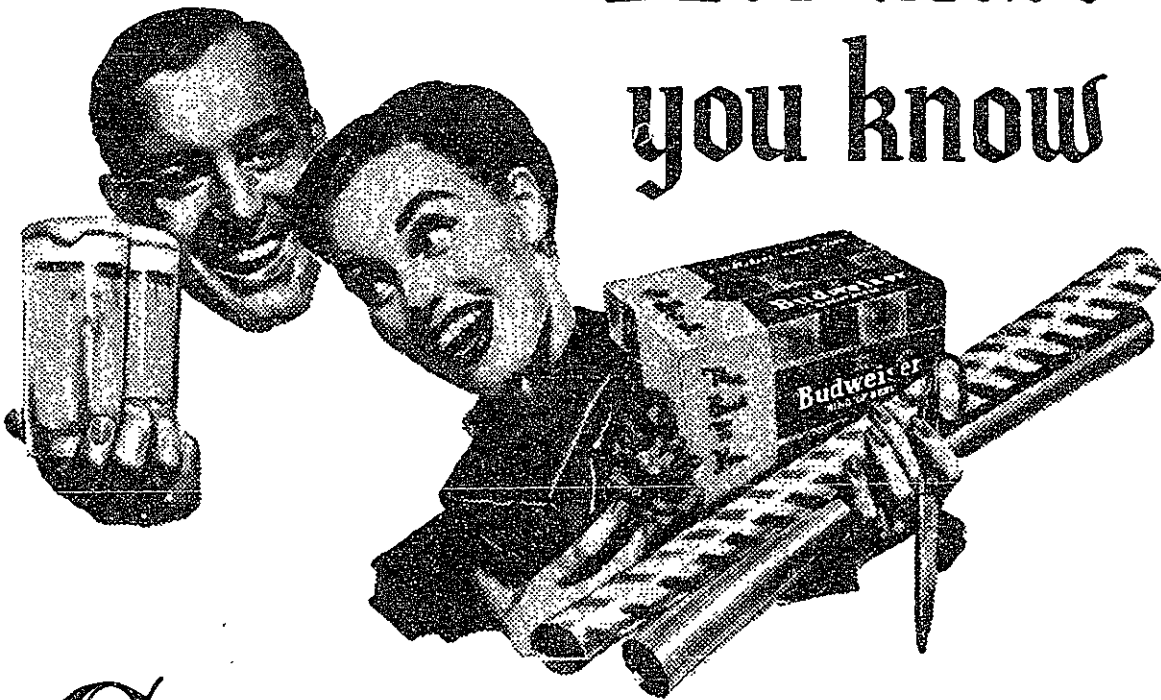
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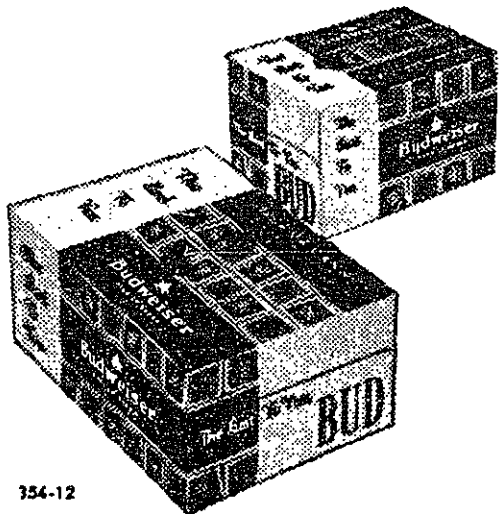
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SCHOOL RECOGNIZES NECESSITY

S. U. Committee Strives To Build Student Interest

by Garry L. Quinn '56

The Student Union project has from the beginning been instigated and carried out by the student body, which will one day benefit from it. The crying need for a center of undergraduate activities at M.I.T. was first emphasized by the Baker Memorial Committee. In its report of May 6, 1953, the Committee pointed out the shortcomings of existing facilities and urged that Institute Committee take over the job of organizing a Student Union project.

First Committee

Once aroused, Institute Committee acted with rather surprising alacrity. The first Student Union Committee was appointed with Eldon Reiley, '55, as chairman. At the end of its year of activity, the Committee presented a very comprehensive report to Institute Committee. Members of the administration had been contacted and had concurred with the Committee's ends; a survey of necessary activity space had been completed, as had a similar survey of commercial space. A questionnaire distributed to all undergraduates not only established the students' desires in the matter of space allocation, but best of all disclosed an almost unanimous backing for the project. The building moved swiftly closer to reality, with architectural studies being undertaken by two students—Hsio Win Shih and Martin Cohen. Mr. Cohen's bachelor's thesis presented a complete plan for the building (see above). By January, 1954, feeling for the new building was so high that Institute Committee voted to transfer virtually all of the Undergraduate Social Fund to a new Student Union Building Fund.

Second Committee

When Eldon Reiley was elevated to President of the Undergraduate Association and the new Institute Committee took over, the life of the Student Union Committee was quickly renewed. John Saloma, '56, became the new chairman, and several new members were recruited from among the leaders of Student Government and student activities. The basic research for the Student Union having been completed, the new Committee felt that its job was to concentrate every effort towards bringing the actual construction date closer.

I. F. C.

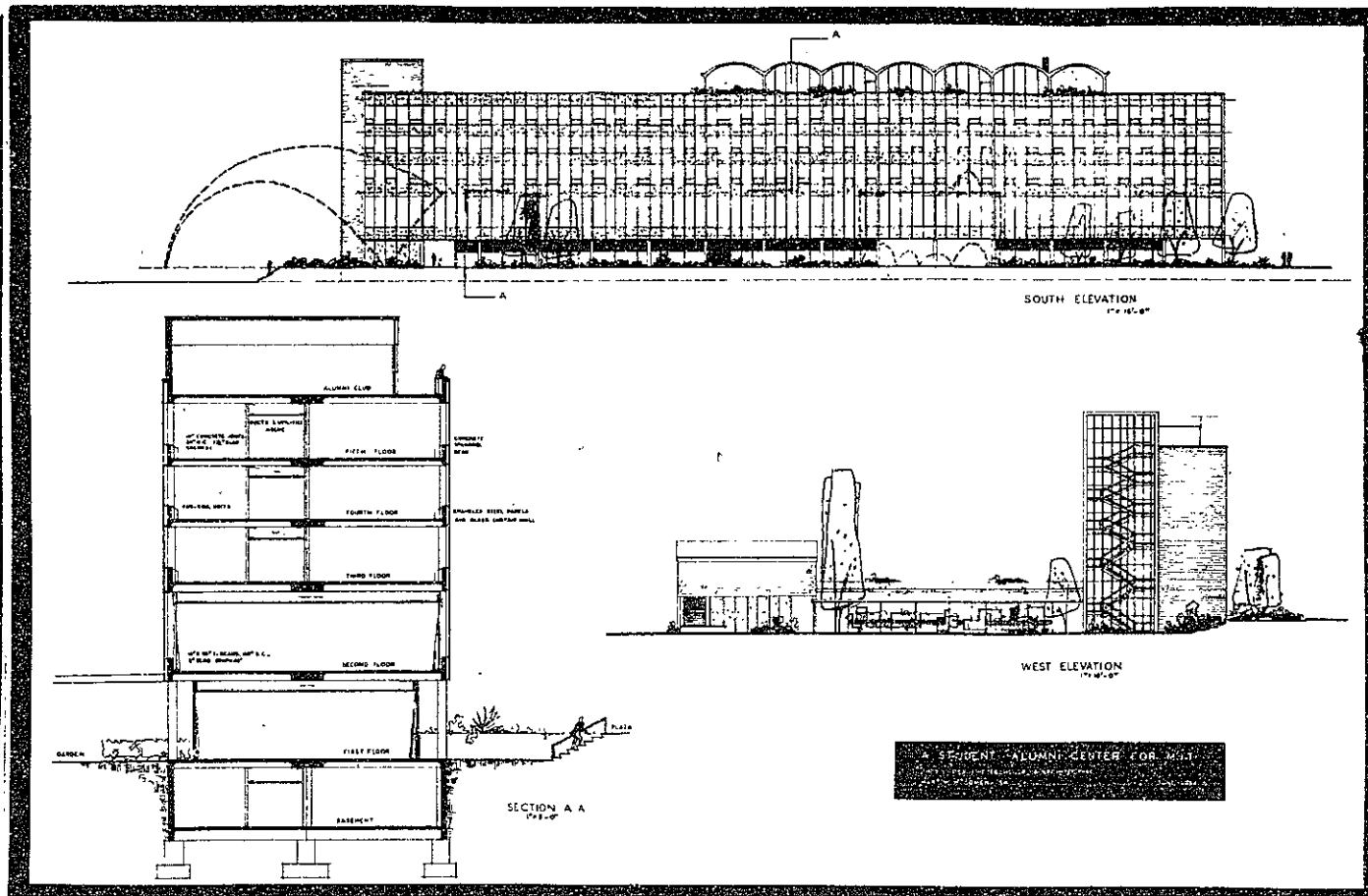
(Continued from page 1)

formed are the Association of Class Secretaries in 1896, the *Technology Review* in 1899 and the Alumni Council in 1909. This council meets seven times a year with representatives from each class and from M.I.T. Clubs throughout the world.

The Alumni Association is broken into two groups—the class organizations and the M.I.T. Clubs which form geographical groups. The first M.I.T. Club was founded in Chicago in 1887, the next followed in Denver in 1889, and by the turn of the century a dozen such clubs had been founded. At present there are 69 clubs in the continental United States, twelve in South America, two in Canada, eleven in Europe, and others in Hong-Kong, Formosa, and the Philippines.

Fund Projects

The general purpose of the Association is to further the well-being of the Institute by fostering good feeling among the alumni. Monetary help, the way most would think of furthering the well being of M.I.T., is large. In 1939 an annual Alumni Fund was initiated with approximately 10,000 alumni giving donations each year. In the first ten years of the Fund's operation, one and three-quarter million dollars were donated. This year the entire Alumni Fund, an estimated \$700,000, will go to the Karl T. Compton Memorial Laboratory. Other examples of Alumni Fund aid are the one-half million dollars given to finish Baker House, the \$300,000 needed for the completion of the Hayden Library,



Proposed elevation plans for the new M.I.T. Student-Alumni Center, as drawn by Martin Cohen '54. Cohen, a senior in Architecture last year, worked in cooperation with the Student Union Committee to produce a tentative set of plans for the building. The Center would be located on West Campus, forming a north wall to the plaza containing the chapel and auditorium.

This it proposed to do through a program of continued publicity and research, coupled with preliminary steps toward fund raising.

The first move in the Committee's publicity drive was to acquaint the Corporation with the Student Union undertaking. To this end a forty-page report outlining the history and aims of the project was prepared and mailed to each Corporation member. To give the student body the same full knowledge, a printed brochure will be distributed early next year. The brochure is being financed from the Karl T. Compton prize money, which was awarded to Institute Committee in the name of one of the staunchest supporters of a student union at M.I.T. For the Alumni, the

Technology Review is considering publishing an article prepared by a member of the Student Union Committee covering the activities of the Committee. And for all to see, the thesis of Martin Cohen will be exhibited in Building Seven early in the spring term.

Present Activities

The largest-scale undertaking of this year's Committee combines the functions of publicity and fund raising. Each undergraduate activity is being requested to sponsor some event in the name of the Student Union, and if possible to donate its profits to the Student Union Fund. On the basis of early response, the spring term promises to offer a grand round of Student Union

dances, concerts, publications, etc. The beauty of this program is that everyone benefits, especially the activities, which will one day have new facilities in the Student Alumni Center.

In addition to its publicity program, the Committee is quietly carrying out several important investigations. As preliminaries to an eventual fund drive, it is surveying both methods of financing at other schools and overall fund-raising philosophy at the Institute. And, of course, the plans for the building itself are to undergo constant revision, lest they be out of date when ground-breaking time arrives.

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An example of the type of meeting room planned for the Student-Alumni Center.

and the money given to build tennis courts at the Institute.

Besides this financial aid, there are many other ways the Alumni Association helps the Institute. Over three-fourths of the members comprising the Corporation are alumni. Through the Alumni Association contact with the Institute does not cease upon graduation. At the M.I.T. Clubs a young graduate can meet older alumni who can help him job-wise or in other ways.

Large Membership

The budget for the Association this year is \$60,000, but this has to be supplemented to keep up its many services. One of the most costly operations is keeping up the 50,000 per-

son mailing list. Two secretaries work full time to keep the correct listing of each alumnus by class, course, degree, and geographical location.

Towards the close of the meeting Glenn Jackson '55, president of the I.F.C., reported on the National Interfraternity Conference Meeting in Philadelphia. He stated that the I.F.C. at the Institute was in a class by itself because it needs so few rules to govern the member fraternities.

The interfraternity groups from other colleges at the meeting all seemed to have numerous strict rules regarding the conduct of the fraternities, but the only rules imposed by the I.F.C. here are a few concerning rushing.

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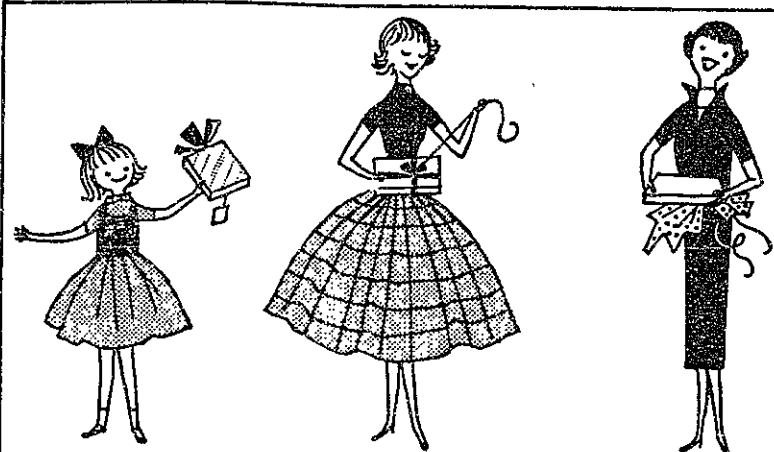
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TECHNOLOGY STORE

FOR STUDENT-ALUMNI CENTER

Student Union Will Assume Vital Position In M.I.T. Life

In the past several months there has been much attention focused on not only the desire for, but the actual need of a Student-Alumni Center at M.I.T. The relocation of all undergraduate living groups at the Institute on West Campus will seriously dislocate many of the features of student life which have been established in and around Walker Memorial and East Campus. It will put beyond reach the facilities for banking, shopping, and dining in Kendall Square. In addition, the imminent destruction of Building 18 and the Barbour Field House to provide space for the Karl Taylor Compton Memorial Laboratories will leave many activities, including the Athletic Association, with no facilities whatsoever.

The answer to these problems lies in the construction of a Student-Alumni Center, forming the north wall of the new plaza containing the auditorium and chapel. This building would house nearly all student and alumni activities and provide space on rental for the services which must be readily available to the campus community.

Located as it will be, near the main arteries of campus activity, the new Student-Alumni Center would not only serve the above ends, but would solve many other problems.

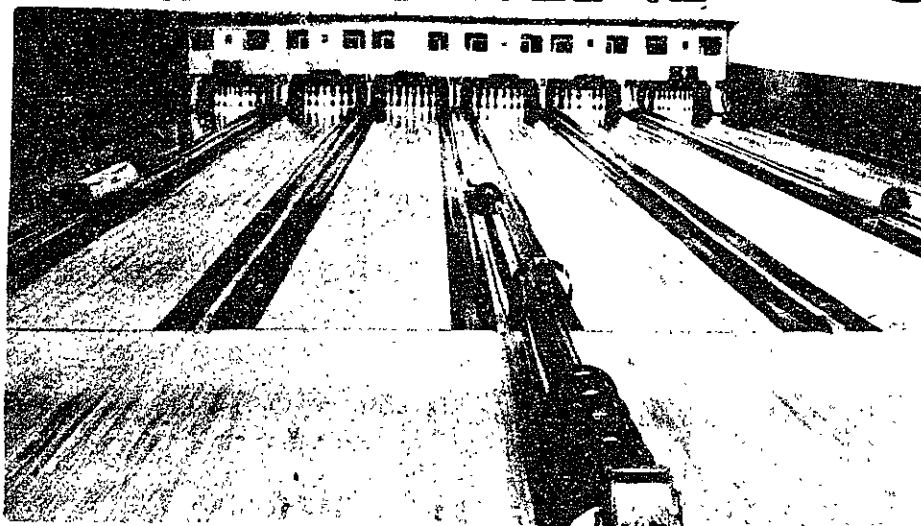
Existing Facilities Inadequate

In this fifteen year period from 1939 to the present, activities have expanded at a tremendous rate, to the point where there are now 123 recognized activities on campus, as compared with less than 75 fifteen years ago. However, in this period the facilities for these activities have not ex-

panded sufficiently to keep up with the increasing demand for space. Only twelve of them are able to squeeze into Walker Memorial, built in 1916. The others are scattered all over the M.I.T. campus, in such out-of-the-way places as the basement of East Campus, Building 2, the basement of Building 7, Westgate, Building 18, Building 20, and numerous other places, with some activities having no space whatsoever. The centralization of activities in the proposed Student-Alumni Center will make it possible for all undergraduate organizations with space requirements to literally "rub shoulders" and is not in conflict with the Institute's policy of decentralization of living groups.

Recreational Facilities

Recreational and social facilities are scattered in much the same way, where they exist at all. Such facilities as pool and ping-pong tables, card rooms, and just plain lounging rooms are few in number and are often so placed that only the residents of the



The above photograph of the bowling alleys in the Kent State Union shows an installation similar to that proposed for the M.I.T. Student-Alumni Center.

particular living group where they are located are inclined to use them. Walker Memorial itself has many deficiencies. It is uncomfortably far from West Campus. There are not ample quarters for those activities already housed there. There is in addition, a lack of meeting rooms, forcing groups to meet in classrooms, dormitory rooms, and fraternity houses. We are now reaching the point where lack of space is seriously inhibiting the natural expansion of student activities.

Commercial Services

As mentioned above, Kendall Square will be very inconvenient to reach from West Campus, and with the possible demolition of the Coop and the Hennessey Block along Massachusetts Avenue, almost all the existing commercial services now on campus will be available to the students relocated

STUDENT UNION

The Student Union Committee will discuss its plans for the future in a WMIT feature broadcast tonight at 7:30. As every student has a vital interest in the Student Union project, the program should be of unusual interest.

west of Massachusetts Avenue. It has already been suggested that the Student-Alumni Center could remedy this problem by providing space for those essential services.

It has been most gratifying to realize that the pressing need for the Student-Alumni Center has been recognized by the students and administration alike, for the recognition of the need is one of the greatest steps toward the final attainment of the Student-Alumni Center.

Proposed Center Includes Large "Vista Lounge"

A glimpse of the proposed Student Alumni Center—From the Student Union Committee's Report . . .

A main entrance of the building would open into a reception and exhibition lobby. This lobby should have a light, but reserved atmosphere suitable for meeting people, acting as an approach to other parts of the center and housing certain suitable services.

. . . An area on the second floor overlooking the plaza from behind plate glass windows should be set aside as an unreservable, which might well be termed a "vista lounge". This is the part of the building that the M.I.T. family should most use and appreciate, that the graduates should most remember and alumni return to. It is here that the atmosphere which will make the building meaningful must be captured. It must be both spacious and intimate, modern and comfortable.

The committee envisions a large room opening onto a balcony over the plaza. It would have a light, airy feeling (in contrast to many of the present dark "leathery" lounges in some of the dormitories and academic buildings). The furniture would be set up in small, informal groupings conducive to relaxed congeniality.

Letters

(Continued from page 2)

sue which followed under the heading of *The Tech* suggestions for action on the commuter problem. However, why not give credit for suggestions which are not your own? Every one of your suggestions has already been brought up and has the informal approval of Institute Committee. These suggestions are the complete list of improvements decided upon by the Commuter Committee headed by Robert McKelvey. These ideas were considered in the first hour of Inscomm meeting in an informal discussion. If the intellectual and public-spirited editor of *The Tech* would deign to come to an Inscomm meeting, misrepresentation of this sort would not arise. In short, old boy, why the devil don't you find out what you are talking about *before* you shoot off and do a lot of harm, lowering student government in the opinion of the M.I.T. community?

Harry Schreiber, Jr. '55
Ashton Stocker, '55
David Brooks, '55
Chan Stevens, '55

To the editor of *The Tech*:

Dear Sir;

I have long known that the staff of a certain school publication has little respect for decency, but I am revolted by the method used by this publication to boost circulation at Christmas time. I am referring, of course, to "Voo Doo Christmas Carols."

Is it possible that this staff has so depleted its sources of muck that it has to stoop to prostituting Christmas Carols? How degenerate can we get when we turn something which is symbolic of Christ and the spirit of Christmas into unmitigated filth? The impression that this product of a few vulgar minds is symptomatic of Institute morals is a false one and should certainly be dispelled. If we tolerate this practice at Christmas, it will cause the publication license to reduce their monthly issue to this same disgusting level.

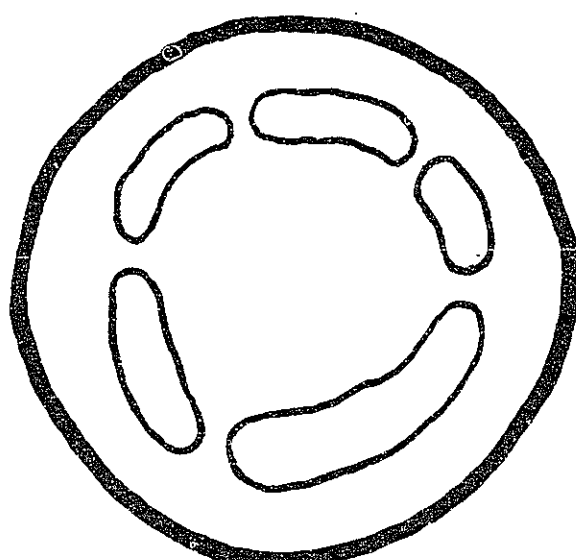
Surely the level of the student body is not such that we have to be catered to in this manner.

Perhaps this is the only way the publication can be sold. If this is true, we can well do without it.

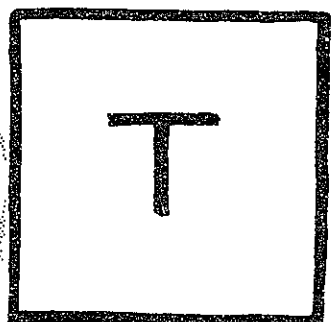
Let us use Christmas as a time to at least reflect upon the path of goodness, not to illuminate the weeds which choke it.

S. J. Pomponi, '57

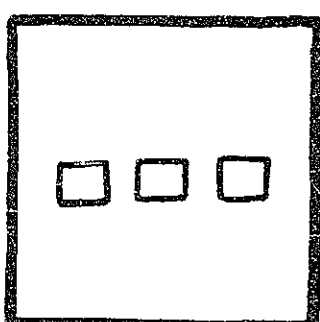
LUCKY DROODLES ? OODLES !



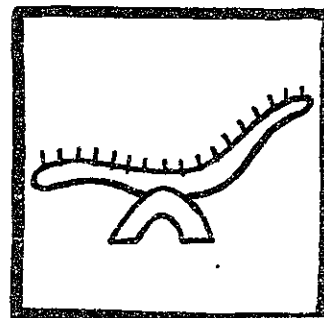
WHAT'S THIS? For solution see paragraph below.



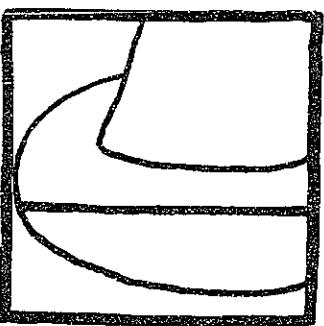
EATEN T-BONE STEAK
Judy Magaram
U.C.L.A.



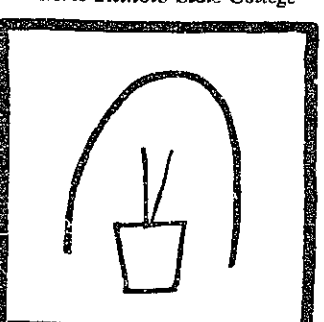
BULLEY HOLES FROM
SQUARE SHOOTER
Allan Freund
Michigan Normal



CONTOUR CHAIR
FOR INDIAN FAKIRS
Richard S. Nelson
Creighton University



CENTER LINE ON MOUNTAIN
ROAD PAINTED BY MAN
WALKING BACKWARDS
Philip Wagner
Western Illinois State College



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Alfred J. Farina
Hunter College

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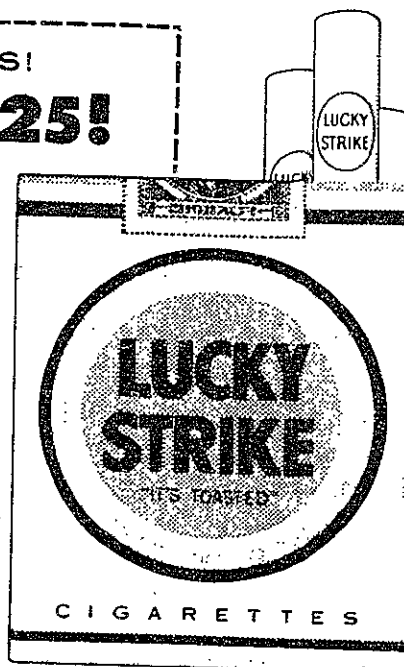
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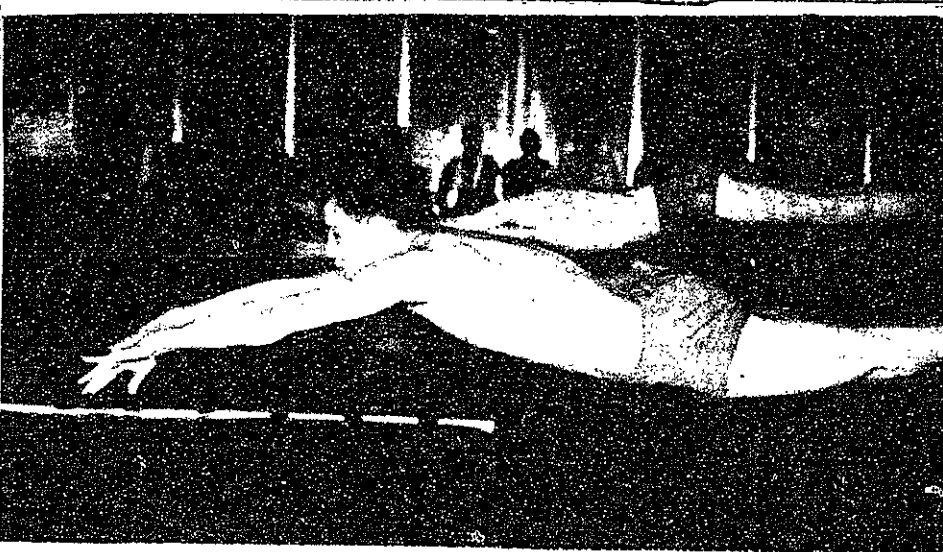
Matmen Down Tufts, 11-9, For Second Straight Win

Tech's wrestlers annexed their second straight victory of the season last Saturday when they beat Tufts College at Medford. The Engineers won more easily than the score would indicate as they took three falls and a three point decision, losing two of the matches they dropped by two point margins. Despite the last minute loss of 177 pounder Hal Becker, M.I.T. had the meet sewn up at the end of the 157 lb. bout when John Hirschi '56 pinned his opponent in the second period.

Lightweight Bob Hagopian, '57 put the Beavers off on the right foot when he easily felled his man in the initial round. Next, in a battle of captains Jack Graef, '55 lost a close one to Butler who was runner-up in

the New England tournament last season and the best man Tufts had to offer. Graef was leading until the closing seconds of the second period when Butler reversed to take a one point lead which he held till the end. At 137 pounds Dick Dangel, '55 rode his opponent for most of the nine minutes to give Tech three team points. The first period of the 147 pound bout ended with Larry Berman, '55, almost pinning his man but in the process the Tufts grappler injured himself and defaulted.

Hirschi earned the last points needed to insure a Beaver win when he reversed and pinned in the second stanza adding four more counters to the Engineers' total. Soph Mike Brenner slipped and fell in the 167 pound bout giving the Jumbos their only pin of the afternoon. At 177 pounds, Mike Flint, '57, subbing for Becker, (Continued on page 7)



Stickmen Routed By Tufts Squad; Wells Excellent

The Beaver hockey team lost to Tufts 12-3, Friday, at the Arena. The highly touted Jumbos scored four times in the first period and twice in the second to take a commanding lead. The Engineers scored three times in the last period but couldn't match Tufts' six goal onslaught.

The Cardinal and Grey stickmen played Tufts even for the first half of the initial period, but the Jumbos scored four goals within five minutes to take a 4-0 lead. John Sullivan, '56 and Harold Wells, '55 stood out for the Beavers in this period with Sullivan showing lots of hustle and Wells setting up many offensive plays, besides sparkling on defense. Tufts dominated the second period even though they scored only twice to lead 6-0.

The third period saw a scrappy Engineer team, led by Wells and Sullivan, make a game try at a comeback, only to run out of steam. At 5:48 of the period Gus Schwartz, '56 scored unassisted on a corner shot. At 6:15 Hank Durivac, '57 tallied assisted by Bev Goodison, '57. The line of Sullivan, Culick, and Schwartz netted one at 7:50, Sullivan taking the shot. This made the score 6-3. This ended the Beaver scoring for the day and Tufts tallying six more, dominated from there on out. The final total—12-3.

The Engineer pucksters meet Princeton at the Arena Friday in their last game before vacation.



WEIGHT LIFTING
The Tech Technique photo by M. D. Solis
Art Butz '56, Eastern Collegiate Champ, clean-and-jerks 305 pound in postal match. Results are not in.

Frosh Swimmers Top Dean, 52-23, Wilson Sets Mark

Tech's promising crew of yearling swimmers opened their 1954-55 campaign Saturday with an impressive win over an annual foe, Dean Academy. The meet was strictly no contest as the Beavers splashed their way to firsts and seconds in the first five events.

In the opener Carter Smith and John McAvity negotiated the 50-yd. freestyle in 25.8, with Smith getting the nod. Fred Davis and Gus Fleischer swept the 100-yd. breaststroke, Davis pacing the win in 1:19.1. Showing even better than Coach Merritt had predicted earlier, Dave Wilson not only threatened the 100-yd. M.I.T. record, but succeeded in cutting a good three seconds off it. The new mark is 2:06.7. Tech's Murray Kohlman took second.

Institute men dominated both the 100-yd. backstroke and the 100-yd. freestyle, as Alan Johnson and Al Hortmann finished 1-2 in the former, and Captain Will Veeck and Howie Salwen took the first two places in the freestyle.

Jamie Llaguno of Mexico and Joe Timms took second and third in the dives, which Llaguno actually dominated. Versatile Joe Burval of M.I.T. beat teammate Lee Sodickson to the tape in the rugged 150-yd. individual medley to make the totals 52-11.

The medley relay team and the free-style group both finished ahead of Dean but were disqualified.

Wesleyan Routs Beaver Mermen Without Hamilton

The Beaver swimmers were swamped by a powerful Wesleyan squad, 45 to 39, in the M.I.T. pool Friday evening, as the tankmen sorely missed the services of Captain and star free-styler Tom Hamilton, who was ill.

In the opening 300-yard Medley Relay, the crack Beaver team of Jantzen, Cotter, and Cohen won a close race in 3:26.1. The Cardinals took first and second in the 220-yard Free Style with Brosens third for Tech to a 2:25.9 winning time. Sullivan and Salz swam to second and third respectively in the 50-yard Free Style as Wesleyan won in 24.9. In the 150-yard Individual Medley the visitors copped first in 1:47.9 as Roberts and Mallett came in second and third. In the diving event, Bryson and Sullivan trailed a winning Wesleyan score of 74.8 points. Gerson took third in the 100-yard Free Style as Wesleyan won in 57.2. Jantzen chalked up the Beavers' lone individual first winning the 200-yard Back- (Continued on page 7)

Why did he say Tech is a place for men to work and not for boys to play?

Read:
WHEN M. I. T. WAS "BOSTON TECH"
The Technology Press \$6.00

the bush leaguer

SAE In Squeaker, Cops Championship Sigma Chi Second

by Jerry Marwell '57
What figured to be an anti-climatic battle almost erupted into a nightmare for the champion SAE football team when, in the last minute of play last Saturday, Sigma Nu just missed tying the score. This could have eventually led to a win for them and a tie in the league standings for SAE.

The SAE score came in the first quarter when Lou Bangert '58 hit Bard Crawford '54 in the end zone. The Sig Alphas then pushed over the winning extra marker. The rest of the game, which was played on a spongy, slow field, consisted of an aerial circus, with neither squad hitting for much yardage.

Finally, at the end of the fourth period Sigma Nu connected on a long, long forward which the end lugged to pay dirt. The pass pattern for the extra point was broken up, and the game ended at 7-6. SAE played this game without three of their performers.

In the other game Saturday, Sigma Chi downed Phi Delta Theta 20-0. The game was closer than this total indicates. All the points were scored in the third quarter and on the passing of grad student Norm Meyerson. Ben Lightfoot '56 stood out for the Phi Delt's.

The final standings:

	W	L	Pts. For	Pts. Agt
SAE	4	0	47	21
Sigma Chi	3	1	43	24
Delta Tau Delta	2	2	22	32
Sigma Nu	1	3	19	27
Phi Delta Theta	0	4	18	45

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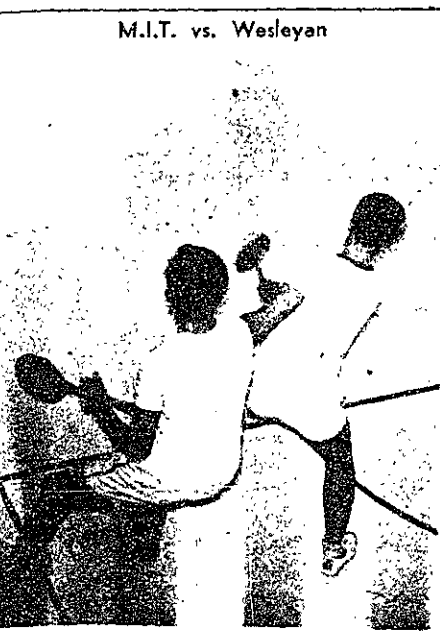
WINSTON... the easy-drawing filter cigarette!



Beavers Win In Squash, Trounce Wesleyan By 6-3

The MIT varsity squash team defeated Wesleyan on Friday by a 6-3 margin at the MIT courts. The first four members of the Tech team triumphed as well as the men playing in the number six and nine slots.

Morales Wins
Capt. Ray Morales '55 won his number one match in a hard fought contest. After dropping the first game, Morales won the next three in a row to cop the match. Howie Cohen '57, Walt Stahl '56, and Don Steig '55, playing behind Morales in that order, each defeated his opponent in straight games while Al Hahn '56 won his match 3-1 and Bob Millard '55 recorded a 3-2 victory. This marks the third consecutive year that Tech has beaten Wesleyan, and indicates that the varsity will emerge from this year's intercollegiate competition with a fairly good record.

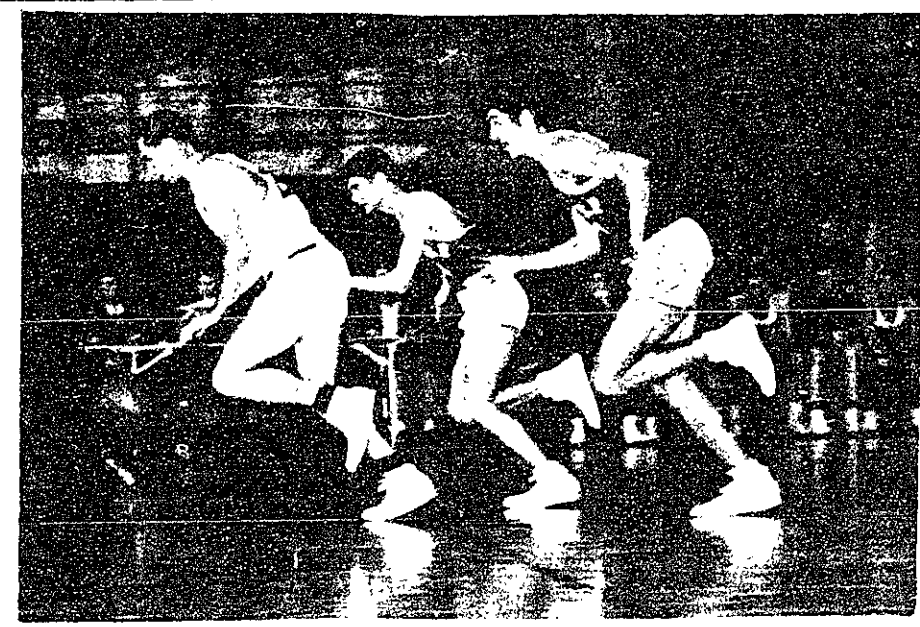


The Tech-Technique
photo by M. da Sylva Solis

First Three Men Even
The comparative evenness in ability of the varsity's first three men is seen by the fact that Cohen played first against Dartmouth last week, while Morales took over this position against Wesleyan.

The scores follow:
Morales (T) d. Bowers (W) 17-18, 18-17, 15-10, 17-16.
Cohen (T) d. Jackson (W) 15-4, 15-11, 15-10.
Stahl (T) d. Loos (W) 15-8, 15-11, 18-17.
Steig (T) d. Phelps (W) 15-7, 18-16, 15-12.
Williams (W) d. Bruggeman (T) 17-15, 15-17, 12-15, 15-13, 18-15.
Hahn (T) d. Hobson (W) 6-15, 15-8, 17-14, 15-13.
Marshall (W) d. Morse (T) 18-13, 15-9, 3-15, 17-18, 15-12.
Parker (W) d. Mendes de Leon (T) 15-9, 6-15, 15-9, 15-9.
Millard (T) d. Shapiro (W) 15-10, 15-9, 12-15, 4-15, 15-8.

Varsity Hoopsters Split On Trip, Freshmen Romp Against Exeter



FOLLOW THE LEADER
Mac Jordan, high-scoring 'frosh center, drives in to score against Exeter. Two Exonians trail.

Frosh Win In Cage, 73-59, Jordan, Klein, Larsons Star

After leading by a slim 32-31 half-time margin, the frosh cagers turned on a second-half scoring spurt to top Exeter, 73-59. A strong Exeter defense which shifted in and out of a zone held high-scoring frosh center Mac Jordan to a first half total of five shots from the field. Jordan, however, cashed in on four of these.

Guard Paul Larson netted nineteen points, tying him with Jordan for Tech high man. Larson did most of his scoring in the first half, largely with a fine one hand jump shot from around the foul line.

Strong On Defense
Strong defensively, the Beavers were sloppy on offense and found themselves unable to score consistently. Jordan and Klein came through with repeated steals but were unable to capitalize on the scoring opportunities.

Dave Rachofsky was strong off the boards and scored eight points, all on tip-ins. Both Rachofsky and Jordan fouled out.

Klein, Jordan Outstanding
With seven or eight minutes to go, Coach Leroy Rogers emptied the bench. The frosh did not look quite as smooth on offense as they had in their two earlier games, but were more impressive defensively. In particular, Jordan and Klein were outstanding.

This team, which appears to be the top frosh outfit in years, is one with good overall height and depth. They have shown flashes of fine ball hand-

M. I. T.	FG	FT	TP
Larson, D. lf	4	1	9
Irwin rf	1	4	6
Rachofsky	3	3	9
Jordan c	6	7	19
Klein lg	4	0	8
Larson, P. rg	7	5	19
Moesta	0	0	0
Sadoff	0	3	3
	25	23	73

Wrestling

(Continued from page 5)
who was out with an injured ear, gave an exceptionally good account of himself considering that he was wrestling twenty pounds above his weight. Tufts took another consolation win when Tony Vertin, '57 lost an exceptionally hard fought bout by a two point spread, ending the meet with Tech on the top end of a 15-11 score.

Hindered by injuries the frosh lost a close 11-13 meet. Missing one of their better lightweights and their lone heavyweight the '58ers had to forfeit the final bout which probably could have made the difference. They were a squad greatly improved over their first meet, looking much better in almost all classes. Winners were Ray Suehrstedt and Harris Hyman with falls and Bob Schmidt and Stu Mapes scoring decisions.

Swimming

(Continued on page 6)
stroke in 2:44.3 with Jacobson taking second and Wesleyan third. White scored a third for the Engineers in the 200-yard Breaststroke, which Wesleyan won in 2:44.5, while the M.I.T. team of Salz, Woulbroun, Cohen, and Jantzen were victorious in the 400-yard Free Style Relay in 4:02.1.

Varsity Triumphs At Pratt, 92-82, Bows At Stevens

A loudly partisan Stevens crowd and the traditional home court jinx kept the varsity hoopsters from a successful road trip after they had coasted over Pratt, 92-82.

M.I.T. led the Hoboken Engineers by nine points, 34-25, at half-time. Midway in second period, Dee Vergun, outstanding Beaver center, fouled out. Encouraged by this and by the loud Bacchanalian cries of the riotous week-enders, Stevens fought back and, with a few breaks and center Morgan's seventeen second half points, they went on to win 66-60.

The game was a see-saw affair until the final two minutes when Tech forward Giff Weber's six point surge was nullified by a flurry of Stevens' scores.

Vergun Fouls Out
The story of the game lies with Dee Vergun and the rebound statistics. Dee was held to six, far below his season's average by the hustling Hoboken men. Charged with three quick personals, the Engineer center was hampered by the fear of fouling out and was never able to play up to form.

Stevens was able to get off more shots, 79 to the M.I.T. total of 63, and netted seven more field goals. Vergun's seven foul shots and Hess' drive-ins gave the Techmen their halftime lead.

Larry Hallee, high-scoring M.I.T. forward, was unable to hit with his usually dependable one hander and was able to score only the meagre total of five points.

Hess High Scorer
Hess was high man with seventeen markers, tied with Stevens' Morgan. Driving and scoring with his one-hander, Mess turned in a fine ball game.

Giff Weber contributed his usual steady game and, with a last minute scoring spurt, nearly pulled the game out for Coach Scotty Whitelaw's men. Vergun scored fourteen before fouling out, mostly on free throws. Norm Howard, '57, his replacement, was unable to fill his shoes. Jack Britt turned in his usual steady game.

Lead Pratt, 30-6

The Pratt game was a far different story. With Tech in control of both backboards, the Engineers jumped out to an early 30-6 lead. Coach Scotty Whitelaw began to substitute freely and Pratt narrowed the lead to a halftime 54-42 bulge.

Phil Platzman, '56 played what was by far his finest game ever as a Tech varsity cager scoring nine points and garnering a total of ten rebounds, tops for the Beavers.

Vergun fouled out midway in the second half but managed to net nineteen markers in the twenty minutes or so he played. His rebounding total was a low eight largely a product of the four personal fouls he was charged with early in the game.

Hess Leads Scorers

Carl Hess, Beaver captain, was high scorer with twenty-one. Hess, who was unimpressive in the team's first two outings was hitting with all his shots and showed particularly well with the driving lay-ups which were such an outstanding facet of his 1953-54 play.

Larry Hallee netted sixteen points, hitting repeatedly with one-handers from the outside. Larry did the bulk of his scoring in the first half while the cagers were rolling up their margin.

The road trip left the Whitelawmen with a 2-2 record, both losses were registered away from home in the face of highly partisan crowds, inspired teams and somewhat less efficient officiating. They attempt to return to winning ways this Wednesday night when they face traditionally strong U.N.H. at Rockwell Cage.

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Fencing Position To I. J. Geiger At N.Y. Election



The Intercollegiate Fencing Association, an organization made up of the thirteen eastern colleges whose field teams, has elected M.I.T. director of athletics Ivan J. Geiger as its president.

Professor Geiger represented Tech at the Eastern Collegiate Athletic Conference, where the fencing group held its election. Chairman of the Olympic fund raising committee, Geiger retired as member of the NCAA eligibility committee to devote more time to that position. Ben Martin represented the Institute at the Intercollegiate Lacrosse Association's meeting held in conjunction with the E.C.A.C. at New York.

M.I.T. 92-PRATT 82	FG	F	TP
Hess g	7	7	21
Britt g	2	3	7
Vergun c	7	5	19
Weber f	4	2	10
Hallee f	7	2	16
Lickley	1	0	2
Benson	2	2	6
Howard	0	1	1
Skavedahl	0	1	1
Platzman	3	3	9
Totals	33	26	92

M.I.T. 60-STEVENS 66	FG	F	TP
Hess g	6	5	17
Britt g	2	2	6
Vergun c	3	8	14
Weber f	4	6	14
Hallee f	1	3	5
Howard	1	2	4
Totals	17	26	60

Prof. Todd

(Continued from page 1)

there are no British institutions of higher scientific and technological learning comparable to the schools we have here such as MIT, Cal. Tech, Rensselaer, etc. They do, however, have several smaller technical schools in Manchester and Glasgow. Studies at these schools are on a lower than university level, and lead to a diploma rather than a degree. In addition, several of the big universities have science and technology departments.

A large program of expansion has recently been carried out at the Imperial College of Science and Technology. However, many feel that this is not enough. Studies at the Imperial College, which cooperates closely with the University of London, are carried out at university level and do lead to both undergraduate and graduate degrees. There is also a strong movement advocating the expansion of the schools at Manchester and Glasgow to university level comparable to the Imperial College. This would give Britain three institutions of higher learning in the scientific and technological fields.

While the shortage of scientists is acute with respect to numerical strength, a perhaps even greater shortage of top caliber scientists exists on both sides of the Atlantic. This shortage is of a different nature, and cannot be ameliorated by simply expanding the capacity of our technological institutes. An increase in the number of those studying science does not necessarily give rise to a correspondingly greater number of top caliber men among the finished product.

It is amusing to note that the Brits are continually using the U. S. as an exemplary country which has great numbers of well trained men in the scientific fields. When they come to this country, however, they find the same shortage existing here, and the same type of newspaper articles deploring the acute shortage.

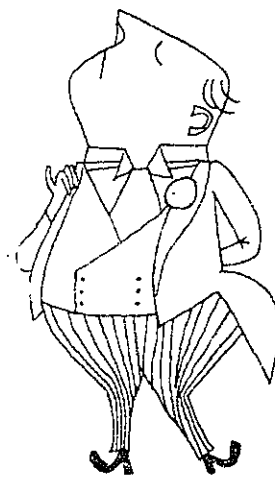
Humanities are not an integral part

of the program of studies in England for the science students as it is here, but one must bear in mind that the two systems of education are much different. In England, the student enters the university at approximately the level of what would correspond to the Junior year, having studied the material of the first two years in "high school." There are likewise no comparable courses of industrial management in the British schools. Sir Alexander emphasized that he felt it extremely desirable that the science students should study more of the humanities.

This lag in greatly revising their system of training scientists might perhaps be attributed to the conservative nature of the Englishman. A lag in progressiveness has, unfortunately, also been somewhat characteristic of some British industrial firms. Some of them such as the Imperial Chemistry Co. have been quite eager to accept

new ideas.

On the whole it may safely be stated that the British industrial picture is unfortunately less progressive than its American counterpart, though with good reason. The British industrial situation was greatly complicated by the devastating effects of the Second World War. Britain's first and foremost problem was to regain her solvency. This could be accomplished only by exportation. She had to utilize her existing capacity to export as large a volume of manufactured products as was possible. This situation has now definitely changed for the better, and should result in a decided increase in acceptance of new ideas and methods developed both here and in England. This increase of new methods and ideas in industry should spread to the schools and result in definite advances in the field of scientific and technological education.

the case
of the
stuck-up
salesman

When police arrived at the college haberdashery, they shook their heads in disbelief. Instead of being gagged and bound, the salesman was actually *glued* to the floor. They took quick stock of the clues . . . an empty glue pot, several odd-shaped pieces of cloth scattered about, an empty show-case, an empty cash drawer. Ingenious shirt-robbery!

"Ugg glub," said the salesman, still all stuck-up . . . stuck *down*, rather.

When they finally got him extricated with hot water and chisels, he thanked them nicely and said, "What's the matter with you jerks? I haven't been robbed."

"No," he explained, "I was simply making a demonstration of the Van Heusen Century shirt for some of the boys. Showed them why the revolutionary *one-piece* Century collar just *won't wrinkle ever*. Told 'em how regular collars are made of three layers of cloth, "glued" and stitched together. I glued a set, just for emphasis . . . learned to demonstrate in Woolworth's."

"Get on with it," said the detective.

"Well, I showed 'em how these 3-piece jobs wrinkle and wilt quickly even with starch or stays. I said the Van Heusen Century collar would stay neat *always*—without starch or stays—or their money back. When I told 'em that Van Heusen Centurys gave 'em lots more wear than ordinary shirts, yet cost the same price (just \$3.95 for whites and \$4.50 for colors) they bought me out. I was so overjoyed, I did a little jig and tripped over the glue pot. Got stuck up."

"Oh, yeah?" yelled the detective. "Well, where's all the dough?"

"Oh, college men never *pay*. They just charge everything to Dad."

(Editor's note: Oh, yeah?)

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